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23122 7590 08/11/2004

RATNERPRESTIA

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11/12/2004 JADD02 00000077 10635080

01 FC:2501 685.00 OP  
 02 FC:1504 300.00 OP  
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Tonya M. Berger

(Depositor's name)

Tonya M. Berger

(Signature)

November 11, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/635,080	08/06/2003	Aaron Bond	TNT-102US1	7222

TITLE OF INVENTION: METHOD OF STABILIZING ELECTRO-ABSORPTION MODULATORS (EAMS) PERFORMANCE BY MAINTAINING CONSTANT ABSORPTION WITH THE USE OF INTEGRATED TAP COUPLERS AND METHOD OF MANUFACTURE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	<del>\$685</del> \$685	\$300	\$965	11/12/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
THOMPSON, TIMOTHY J	2873	359-240000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

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(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

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1. RatnerPrestia

2.

3.

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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

T-Networks, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Allentown, PA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ Corporation or other private group entity ☐ government

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☐ Issue Fee☒ Publication Fee (No small entity discount permitted)☒ Advance Order - # of Copies 10

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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

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Kenneth N. Nigou, Reg. No. 31,549

11/11/04

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## FAX FILING IN U.S. PATENT & TRADEMARK OFFICE

DATE: November 11, 2004

TIME: \_\_\_\_\_

TO:	Mail Stop Issue Fee	FAX NO.:	1-703-746-4000
FROM:	Kenneth N. Nigon	ADMIN. ASST.:	Tonya M. Berger
APPLN. NO.:	10/635,080	ATTY. DOCKET NO.:	TNT-102US1
TITLE OF APPLN.: METHOD OF STABILIZING ELECTRO-ABSORPTION MODULATORS (EAM'S) PERFORMANCE BY MAINTAINING CONSTANT ABSORPTION WITH THE USE OF INTEGRATED TAP COUPLERS AND METHOD OF MANUFACTURE			
FILING DATE:	08/06/2003	ART UNIT:	2873
FIRST INVENTOR:	Aaron Bond et al.	CONF. NO.:	7222
TITLE OF DOCUMENT (and List of Attachments): Transmittal, Fee Transmittal in duplicate, PTO-2038 and Issue Fee Transmittal in duplicate			

Total Number of Pages: 2 (including this form)

COMMENTS

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11-11-2004 03:27PM FROM-RatnerPrestita

6104070701

T-679 P.002/007 F-216

PTO/SB/21 (09-04) (AW 10/2004)

Approved for use through 7/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 6

Application Number	10/835,080
Filing Date	August 6, 2003
First Named Inventor	Aaron Bond et al.
Art Unit	2873
Examiner Name	Timothy J. Thompson
Attorney Docket No.	TNT-102US1

**ENCLOSURES (Check all that apply)**

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Fee Attached<br><br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/Declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><br><input type="checkbox"/> Power of Attorney, Revocation,<br>Change of Correspondence<br>Address<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication<br>to TC<br><br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply<br>Brief)<br><br><input type="checkbox"/> Proprietary Information<br><br><input type="checkbox"/> Status Letter<br><br><input checked="" type="checkbox"/> Other Enclosure(s) (please<br>identify below): PTO-2038 and<br>Issue Fee Transmittal in<br>duplicate |
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Firm Name	RatnerPrestita		
Signature			
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Date	November 11, 2004	Registration No.	31,549

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Typed or Printed Name	Tonya M. Belge	Date	November 11, 2004

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T-679 P.003/007 F-216

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**FEE TRANSMITTAL  
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Effective 10/01/2004, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1015

**Complete if Known**

Application Number	10/635,080
Filing Date	August 6, 2003
First Named Inventor	Aaron Bond et al.
Examiner Name	Timothy J. Thompson
Art Unit	2873
Attorney Docket No.	TNT-102US1

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Deposit Account Name	RatnerPrestia

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Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	780	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$) 0

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
20**	0	0	0
Independent Claims	3**	0	0
Multiple Dependent		0	0

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIF prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIF after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	685
1502	480	2502	245	Design issue fee	
1503	860	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) Publication Fee and Advance orders for Letters Patent

330

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 1015

**SUBMITTED BY**

Name (Print/Type)

Kenneth W. Nigam

Registration No. Attorney/Agent

31,549

Signature

**Complete if applicable**

Telephone

(610)407-0700

Date

November 11, 2004

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